

B707-A-000186

SUMMARY OF B707 RCRA RESPONSE TO (10/26/05) COMMENTS TO CDPHE

- 1) The figures provided do not provide the information requested. Figure 7 does not show all of B707, nor all of the facilities included in this report. Figure 7 does not show or identify the specific structures removed or remaining, or the information provided in the notes provided on the figure (where are "column lines 0.4, 0.5, and 1"). As such, please provide an appropriate figure as previously requested.

RESPONSE:

Figure 7 and 7a (cut sheets) are meant to only show the parts of B707 foundations that were removed. This detail was available only due to the land configuration aspects and is not part of the Site Engineering documents. The attached Figure 6a is provided to show the cluster in total and what was left and what was removed.

- 2) Figure 6 does not provide a clear indication of the removed and remaining lines or sections of lines, especially associated with structures other than B707 and 778, such as 708, 709, 711, 732, 731, etc. Since D&D completed all actions associated with this cluster, please provide the appropriate information as to the final condition of this area.

RESPONSE:

An updated drawing (Figure 6a) is provided which should be used in conjunction with Figures 5 & 6. The text in the ER closeout report for IHSS 700-3 indicates that some uncontaminated portions of the B778 slab remain. However, based on personal interviews and drawings submitted to GIS, none of the slab or foundation remain at B778.

Figure 6A
Remaining UG
Utilities/Structures
for Building 707 Cluster

EXPLANATION

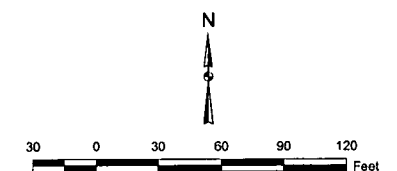
- Foundation Drain
- Sewer
- DCWF
- Culverts & Storm Drains
- OPWL
- NPWL

NOTE: Hatched symbols represent removed features.* Color indicates utility type.

Standard Map Features

- Remaining Structure
- Removed Structure

- The sanitary sewer system piping was removed as shown. All sewer manholes have been removed to at least 4 feet below grade and the remaining lower portions filled with concrete.
- All piping lines, manholes, and other miscellaneous equipment associated with the NPWL have been removed.
- All piping lines, manholes, and other miscellaneous equipment associated with the OPWL have been removed except as shown. Abandoned OPWL lines were grouted.
- All piping lines, manholes, and other miscellaneous equipment associated with the Domestic Water System were removed to 3 feet below grade. Piping lines and equipment greater than 3 feet below grade were abandoned in place.
- All sanitary floor drains were disrupted and filled with grout.



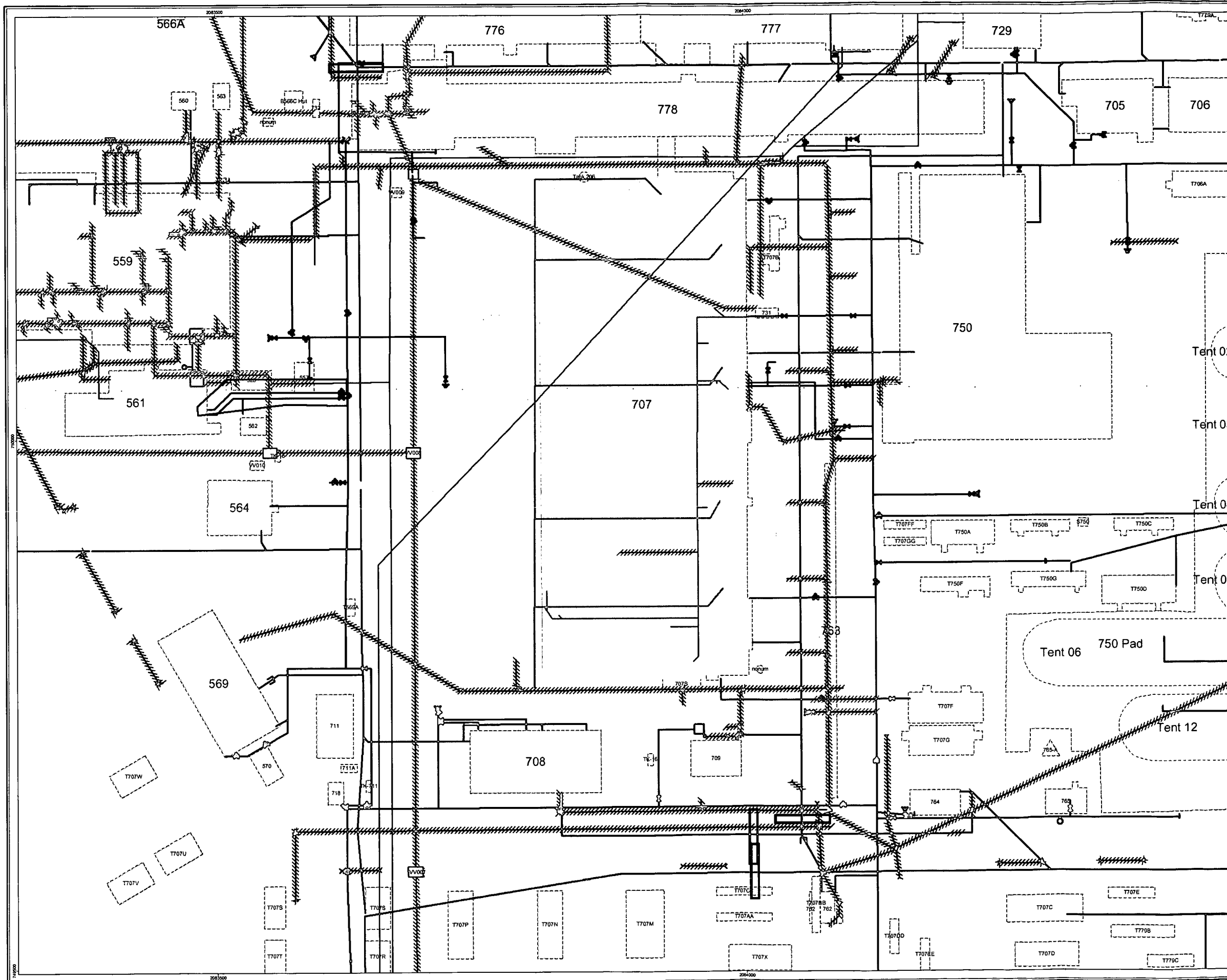
State Plane Coordinate Projection
 Colorado Central Zone (3476)
 Datum: NAD27

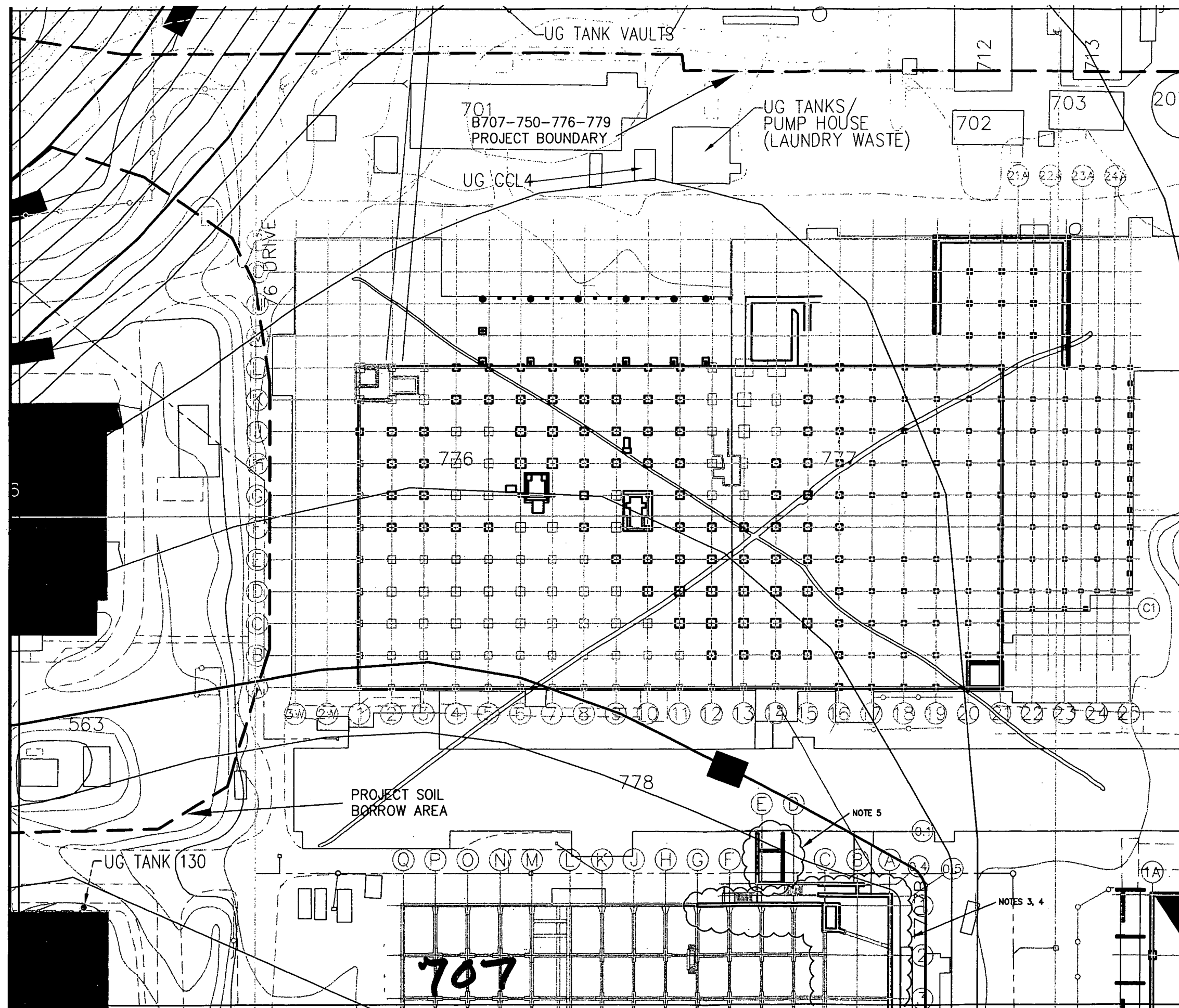
U.S. Department of Energy
 Rocky Flats Environmental Technology Site

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 COMPANY

DATE: 10/27/2005





B707 FOUNDATION REMOVAL NOTES

1. REMOVE FLOOR SLAB AND ALL COMPONENTS ABOVE FINISHED FLOOR SLAB ELEVATION. FIRST FLOOR ELEVATION IS 5989.0 FEET MSL.
2. PLACE AND COMPACT SOIL TO FILL PITS, BASEMENTS, UNDERPASSES, VAULTS, AND OTHER SUBSURFACE FEATURES. QUANTITY OF FILL REQUIRED IS ESTIMATED TO BE 3,100 CY.
3. AS-BUILT DRAWINGS INDICATE THAT THE MAXIMUM ELEVATION OF SUBSURFACE FOUNDATIONS MEMBERS (TIE BEAMS, PILE CAPS, AND CAISSONS) IS 5987.67 FEET MSL OR 1.33 FEET BELOW FINISHED FLOOR SLAB. SUBSURFACE MEMBERS WEST OF COLUMN C TO REMAIN IN PLACE. FIELD VERIFY AND REMOVE ANY SUBSURFACE COMPONENTS GREATER THAN ELEVATION 5987.67 FEET MSL FOR COLUMN LINES A, B, AND C, AND FOR COLUMN LINES 0.4, 0.5, AND 1 BETWEEN COLUMNS A AND G. SOIL TO REFILL REMOVED COMPONENTS IS NOT ANTICIPATED.
4. REMOVE ALL COLUMNS, PEDESTALS, GRADE BEAMS, AND WALLS TO TOP OF PILE CAPS FOR COLUMN LINES A, B, AND C, AND FOR COLUMN LINES 0.4, 0.5, AND 1 BETWEEN COLUMNS A AND G.
5. REMOVE PASSAGE CORRIDOR ROOF AND GRADE BEAMS TO ELEVATION 87.5 (1.5 FEET BELOW FINISHED FLOOR SURFACE OF PASSAGE ROOF).

B776/777 FOUNDATION REMOVAL NOTES

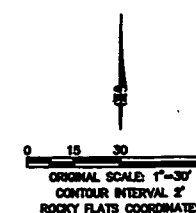
6. REMOVE FLOOR SLAB AND ALL COMPONENTS ABOVE FINISHED FLOOR SLAB ELEVATION. FIRST FLOOR ELEVATION IS 5989.0 FEET MSL.
7. PLACE AND COMPACT SOIL TO FILL PITS, BASEMENTS, UNDERPASSES, VAULTS, AND OTHER SUBSURFACE FEATURES. QUANTITY OF FILL REQUIRED IS ESTIMATED TO BE 2,100 CY.
8. IDENTIFICATION OF FOUNDATION REMOVALS BASED ON ELEVATIONS FROM AS-BUILT DRAWINGS. FIELD VERIFY AND REMOVE AS REQUIRED. FOUNDATIONS ON COLUMN LINE E BETWEEN COLUMNS 1 AND 8 ARE WITHIN 3.5 TO 4 FEET OF PROPOSED FINAL GRADE.
9. GRADE BEAM UNDER DEPTH FROM 4.5 TO 7.0 FEET BELOW FINISHED FLOOR SURFACE. IN AREAS WHERE UNDERLYING FOOTER IS TO BE REMOVED, REMOVE THE ENTIRE GRADE BEAM. IN AREAS WHERE FOOTER CAN REMAIN IN PLACE, PARTIAL REMOVAL IS POSSIBLE.
10. REMOVE PEDESTAL DOWN TO FOOTER.
11. SOIL TO REFILL REMOVED FOUNDATION COMPONENTS IS ESTIMATED TO BE 1,500 CY.

FIGURE 7a

LEGEND:

— 6000 —	EXISTING INDEX CONTOUR
— — — — —	EXISTING INTERMEDIATE CONTOUR
— — — — —	PAVED ROAD
— — — — —	UNPAVED ROAD
— — — — —	FENCE
— — — — —	EXISTING CULVERT
— 80 —	PROPOSED LC08 INDEX GRADE
— — — — —	PROPOSED LC08 INTERMEDIATE GRADE
— 85 —	PROPOSED LC08 SPOT ELEVATION
— — — — —	DRAINAGE DITCH/CREEK LINE
— — — — —	ENGINEERED CHANNEL BANK
□	FOUNDATION COMPONENT TO BE REMOVED (FULLY OR PARTIALLY)
□	FOUNDATION COMPONENT TO REMAIN IN PLACE

C401	C402	C403
C404	C405	C406



DRAFT

ISSUED FOR REVIEW		KH900288-018	
KEYWORDS		PROJECT/NOT NO.	
1. LAND	DESIGNED BY	U.S. DEPARTMENT OF ENERGY	
2. CONFIGURATION	DESIGNED BY	ROCKY FLATS OFFICE GOLDEN, COLORADO	
3. GRADING	DESIGNED BY	Rocky Flats Environmental Technology Site	
4. DRAINAGE	DESIGNED BY	GOLDEN, COLORADO	
5. REMOVALS	DESIGNED BY	LAND CONFIGURATION DESIGN BASIS	
6. REMOVALS	DESIGNED BY	IA GRADING AND DRAINAGE PLANS	
7. REMOVALS	DESIGNED BY	BUILDINGS 707, 750, 776/777, AND 779	
8. REMOVALS	DESIGNED BY	GRADING AND FOUNDATION REMOVAL DETAILS #2	
9. REMOVALS	DESIGNED BY	SIZE	DRAWING NUMBER
10. REMOVALS	DESIGNED BY	D XXXXX-C402	A

AUTOCAD COMPUTER GENERATED
NO MANUAL CHANGES ALLOWED

Plot date: Feb 09, 2004 - 12:57pm